

|   |      |  |   |                  |
|---|------|--|---|------------------|
| - | 259  | encapsulated) near2 thickness<br>(((sealing adj resin) encapsulating<br>encapsulated) near2 thickness) and (chip<br>device die)  | USPAT                                       | 2000/11/30 13:40 |
| - | 48   | (((sealing adj resin) encapsulating<br>encapsulated) near2 thickness) near5 (chip<br>device die)   | USPAT                                       | 2001/06/14 08:23 |
| - | 4    | ((("5844168") or ("5642261") or ("5525834")<br>or ("5683942")).PN.   | USPAT                                       | 2000/11/30 15:30 |
| - | 0    | ((("4996587") or ("5672909") or<br>("5796170")).PN.  | USPAT                                       | 2000/11/30 15:30 |
| - | 1410 | 257/723  | USPAT                                       | 2000/12/01 16:32 |
| - | 1142 | 257/724  | USPAT                                       | 2000/12/01 16:32 |
| - | 1865 | 257/723 257/724  | USPAT                                       | 2000/12/01 16:32 |
| - | 881  | (257/723 257/724) and lead and substrate   | USPAT                                       | 2000/12/01 16:33 |
| - | 139  | ((257/723 257/724) and lead and substrate)<br>and multichip  | USPAT                                       | 2000/12/01 16:44 |
| - | 135  | ((257/723 257/724) and lead and substrate)<br>and (chip near1 chip)  | USPAT                                       | 2000/12/01 16:45 |
| - | 94   | ((257/723 257/724) and lead and<br>substrate) and (chip near1 chip)) not<br>((257/723 257/724) and lead and<br>substrate) and multichip)   | USPAT                                       | 2000/12/01 16:46 |
| - | 3    | (multichip near1 package) and ((flexible<br>near (substrate tape insulation)) with<br>(conductive near trace))   | USPAT;<br>EPO; JPO;<br>DERWENT              | 2001/06/14 08:32 |
| - | 81   | ((sealing adj resin) encapsula\$4) near2<br>thickness) near5 (chip device die)   | USPAT                                       | 2001/06/14 08:25 |
| - | 95   | ((sealing adj resin) encapsula\$4) near2<br>thickness) near5 (chip device die)   | USPAT;<br>US-PGPUB;<br>EPO; JPO             | 2001/06/14 08:26 |
| - | 1    | (((((sealing adj resin) encapsula\$4) near2<br>thickness) near5 (chip device die)) and<br>(flexible near1 (lead trace conductive))   | USPAT;<br>US-PGPUB;<br>EPO; JPO             | 2001/06/14 08:29 |
| - | 4    | (multichip near1 package) and ((flexible<br>near (substrate tape insulation)) with<br>(conductive near trace))   | USPAT;<br>EPO; JPO;<br>DERWENT              | 2001/06/14 08:33 |
| - | 71   | (second near1 chip) with (heat near2<br>(conducting releasing radiator sink))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/05/14 13:39 |
| - | 82   | (second near1 chip) with (heat near2<br>(conducting conductive release releasing<br>radiator sink))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/05/14 15:02 |
| - | 1    | 6156980.URPN.  | USPAT                                       | 2002/05/14 13:51 |
| - | 5    | ("5352926"   "5710071"   "5777386"  <br>"5969461"   "5973927").PN.   | USPAT                                       | 2002/05/14 13:51 |
| - | 1    | "5086431".PN.  | USPAT                                       | 2002/05/14 14:10 |
| - | 2    | 5638391.URPN.  | USPAT                                       | 2002/05/14 14:11 |
| - | 22   | 5323292.URPN.  | USPAT                                       | 2002/05/14 14:16 |
| - | 40   | ("3324224"   "4313492"   "4335781"  <br>"4480262"   "4561040"   "4603374"  <br>"4727455"   "4740866"   "4806503"  <br>"4825284"   "4888449"   "4897508"  <br>"4912548"   "4939316"   "4949219"  <br>"4961106"   "4967260"   "5015803"  <br>"5018005"   "5023398"   "5025114"  <br>"5055967"   "5066368"   "5073521"  <br>"5103292"   "5175613"   "5184211"  <br>"5189505"   "5214308"   "5216283"  <br>"5235209"   "5256205"   "5284706"  <br>"5291064"   "5323292"   "5324569"  <br>"5334857"   "5352926"   "5353193" | USPAT                                       | 2002/05/14 14:44 |

|   |      |  |   |                  |
|---|------|--|---|------------------|
|   |      | "4763188"   "4982265"   "5025306"  |   |                  |
|   |      | "5040052"   "5140404"   "5172215"  |   |                  |
|   |      | "5176311"   "5177032"   "5198888"  |   |                  |
|   |      | "5291060"   "5291061"   "5323060"  |   |                  |
|   |      | "5384689"   "5432729"   "5620928"  |   |                  |
|   |      | "5682062"   "5721452"   "5739581"  |   |                  |
|   |      | "5815372"   "5872025"   "5886412"  |   |                  |
|   |      | "5989982"   "6013948"   "6030855"  |   |                  |
|   |      | "RE36613"   "6033931"   "6049094"  |   |                  |
|   |      | "6051886"   "6057598"   "6087722"  |   |                  |
|   |      | "6133637"   "6201302"   "6204091"  |   |                  |
|   |      | "6215182"   "6229217").PN.   |   |                  |
| - | 187  | ((second adj chip) and (heat near2<br>(conducting conductive release releasing<br>radiator sink)))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/05/14 15:01 |
| - | 165  | ((second adj chip) and (heat near2<br>(conducting conductive release releasing<br>radiator sink))) not ((second near1 chip)<br>with (heat near2 (conducting conductive<br>release releasing radiator sink)))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/05/14 15:02 |
| - | 112  | ((second adj chip) and (heat near2<br>(conducting conductive release releasing<br>radiator sink))) not ((second near1 chip)<br>with (heat near2 (conducting conductive<br>release releasing radiator sink)))) and<br>(wire wiring)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/05/14 15:56 |
| - | 2    | ("5866949"   "5925934").PN.  | USPAT                                       | 2002/05/14 15:09 |
| - | 0    | 6201266.URPN.  | USPAT                                       | 2002/05/14 15:09 |
| - | 16   | 5199165.URPN.  | USPAT                                       | 2002/05/14 15:19 |
| - | 16   | 5199165.URPN.  | USPAT                                       | 2002/05/14 15:22 |
| - | 13   | ("2350348"   "3361195"   "3564109"  <br>"4047198"   "4327399"   "4519447"  <br>"4631636"   "4727454"   "4859520"  <br>"4878152"   "4967314"   "4994215"  <br>"5095359").PN.  | USPAT                                       | 2002/05/14 15:22 |
| - | 37   | 4862322.URPN.  | USPAT                                       | 2002/05/14 15:26 |
| - | 41   | 5438224.URPN.  | USPAT                                       | 2002/05/14 15:40 |
| - | 0    | 6313527.URPN.  | USPAT                                       | 2002/05/14 15:41 |
| - | 2    | ("5438224"   "6072243").PN.  | USPAT                                       | 2002/05/14 15:41 |
| - | 3    | 6137164.URPN.  | USPAT                                       | 2002/05/14 15:44 |
| - | 15   | ("3577037"   "5347162"   "5438224"  <br>"5468681"   "5477160"   "5483421"  <br>"5759047"   "5786628"   "5815374"  <br>"5918113"   "5958590"   "5965064"  <br>"5977640"   "5984691"   "6013948").PN.  | USPAT                                       | 2002/05/14 15:45 |
| - | 53   | ((second adj chip) and (heat near2<br>(conducting conductive release releasing<br>radiator sink))) not ((second near1 chip)<br>with (heat near2 (conducting conductive<br>release releasing radiator sink))) not<br>(((second adj chip) and (heat near2<br>(conducting conductive release releasing<br>radiator sink))) not ((second near1 chip)<br>with (heat near2 (conducting conductive<br>release releasing radiator sink)))) and<br>(wire wiring)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/05/14 16:01 |
| - | 1570 | noise near shield\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/05/14 16:03 |
| - | 0    | 257/685,686,723,724,777  | USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2002/05/14 16:05 |

|   |     |           |                  |
|---|-----|-----------|------------------|
|   |     | USPAT;    | 2002/05/14 16:07 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 4   | USPAT     | 2002/05/14 16:07 |
|   |     |           |                  |
| - | 6   | USPAT     | 2002/05/14 16:08 |
| - | 6   | USPAT     | 2002/05/14 16:11 |
| - | 5   | USPAT     | 2002/05/14 16:11 |
| - | 6   | USPAT;    | 2002/05/14 16:19 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 6   | USPAT;    | 2002/05/14 16:20 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 5   | USPAT;    | 2002/05/14 16:22 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 2   | USPAT;    | 2002/05/28 13:58 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 41  | USPAT;    | 2002/05/28 13:59 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 8   | USPAT;    | 2002/05/29 10:10 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 13  | USPAT;    | 2002/05/29 10:12 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 21  | USPAT;    | 2002/05/29 10:12 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 60  | USPAT;    | 2002/05/29 12:27 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 47  | USPAT;    | 2002/05/29 12:27 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 15  | USPAT;    | 2002/05/29 12:32 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 11  | USPAT;    | 2002/05/29 12:34 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 129 | USPAT;    | 2002/05/29 12:34 |
|   |     | US-PGPUB; |                  |
|   |     | EPO; JPO; |                  |
|   |     | DERWENT   |                  |
| - | 7   | USPAT     | 2002/05/29 12:39 |
|   |     |           |                  |
| - | 11  | USPAT     | 2002/05/29 12:42 |
|   |     |           |                  |



|    |   |           |                |   |                  |
|----|---|-----------|----------------|---|------------------|
|    | "3778886"                               | "3813650" | "3813773"      |   |                  |
|    | "3983619"                               | "3999105" | "4300153"      |   |                  |
|    | "4387503"                               | "4426773" | "4525921"      |   |                  |
|    | "4598462"                               | "4612083" | "4613891"      |   |                  |
|    | "4646128"                               | "4659931" | "4672737"      |   |                  |
|    | "4677528"                               | "4703170" | "4706166"      |   |                  |
|    | "4761681"                               | "4764846" | "4783695"      |   |                  |
|    | "4801992"                               | "4803595" | "4807021"      |   |                  |
|    | "4827327"                               | "4862249" | "4894706"      |   |                  |
|    | "4897708"                               | "4901136" | "4907128"      |   |                  |
|    | "4939568"                               | "4941033" | "4954875"      |   |                  |
|    | "4956694"                               | "4956695" | "4956746"      |   |                  |
|    | "4959749"                               | "4983533" | "4989063"      |   |                  |
|    | "4996583"                               | "5006923" | "5013687"      |   |                  |
|    | "5019943"                               | "5025306" | "5028986"      |   |                  |
|    | "5032896"                               | "5055425" | "5075253"      |   |                  |
|    | "5093708"                               | "5104820" | "5111278"      |   |                  |
|    | "5117282"                               | "5128831" | "5135556"      |   |                  |
|    | "5138437"                               | "5138438" | "5172303"      |   |                  |
|    | "5191404"                               | "5191405" | "5198888"      |   |                  |
|    | "5200300"                               | "5202754" | "5221642"      |   |                  |
|    | "5222014"                               | "5229647" | "5231304"      |   |                  |
|    | "5247423"                               | "5259110" | "5270261"      |   |                  |
|    | "5270571"                               | "5279029" | "5279984"      |   |                  |
|    | "5283107"                               | "5311401" | "5330359"      |   |                  |
|    | "5377077"                               | "5420751" | "5446620"      |   |                  |
|    | "5455740"                               | "5475920" | "5479318"      |   |                  |
|    | "5493476"                               | "5499160" | "5502333"      |   |                  |
|    | "5532614"                               | "5543664" | "5550711"      |   |                  |
|    | "5552963"                               | "5561591" | "5566051"      |   |                  |
|    | "5827759"                               | "5844296" | "5853603").PN. |   |                  |
| 13 | ("4724427"                              | "4857893" | "5023624"      | USPAT                                       | 2002/10/10 10:25 |
|    | "5202752"                               | "5345231" | "5717231"      |   |                  |
|    | "5764655"                               | "5929825" | "5999409"      |   |                  |
|    | "6096496"                               | "6161205" | "6181001"      |   |                  |
|    | "6201296").PN.                          |           |                |   |                  |
| 12 | "6054337"                               |           |                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:05 |
| 4  | "5894166"                               |           |                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:05 |
| 17 | "5898223"                               |           |                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:05 |
| 10 | "6147401"                               |           |                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:05 |
| 2  | "6414396"                               |           |                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:05 |
| 41 | "6054337" "5894166" "5898223" "6147401" |           |                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:06 |
|    | "6414396"                               |           |                |   |                  |
| 0  | 6355977.URPN.                           |           |                | USPAT                                       | 2002/10/10 13:09 |
| 10 | ("5757179"   "5834844"   "5898223"      |           |                | USPAT                                       | 2002/10/10 13:09 |
|    | "5903044"   "5960308"   "5976953"       |           |                |   |                  |
|    | "5977641"   "6002163"   "6005262"       |           |                |   |                  |

|       |  |   |                  |
|-------|--|---|------------------|
|       | "5923091"   "5946545"   "5995379"  <br>"6057598").PN.  | USPAT                                       | 2002/10/10 13:19 |
| 18    | 6057598.URPN.  | USPAT                                       | 2002/10/10 13:23 |
| 8     | ("5294826"   "5341979"   "5367765"  <br>"5506756"   "5532512"   "5610442"  <br>"5724230"   "5786635").PN.  |   |                  |
| 10    | ("5243208"   "5386623"   "5717245"  <br>"5783870"   "5894166"   "5923090"  <br>"5923091"   "5946545"   "5995379"  <br>"6057598").PN.   | USPAT                                       | 2002/10/10 13:28 |
| 2     | 6255736.URPN.  | USPAT                                       | 2002/10/10 13:28 |
| 6     | ("4764804"   "5034345"   "5480834"  <br>"5534465"   "5585282"   "5726500").PN.   | USPAT                                       | 2002/10/10 13:29 |
| 3106  | (digital analog) near cell   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:43 |
| 21    | ((digital analog) near cell) near3 (chip<br>dram)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 13:44 |
| 48    | ((digital logic) near cell) with (analog<br>near cell)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:32 |
| 5     | ((digital logic) near cell) with (analog<br>near cell)) with (chip dram)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:26 |
| 0     | 6460172.URPN.  | USPAT                                       | 2002/10/10 13:48 |
| 11    | ("4402044"   "5197016"   "5361373"  <br>"5384275"   "5402358"   "5425036"  <br>"5438681"   "5581742"   "5959871"  <br>"6006022"   "6014509").PN.                                 | USPAT                                       | 2002/10/10 13:48 |
| 9138  | (multichip adj module) mcm   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:48 |
| 25628 | (digital logic input output analog) near<br>cell   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:46 |
| 104   | ((multichip adj module) mcm) and ((digital<br>logic input output analog) near cell)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:35 |
| 103   | ((multichip adj module) mcm) and<br>((digital logic input output analog) near<br>cell)) not ("6054337" "5894166" "5898223"<br>"6147401" "6414396")                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:36 |
| 43    | ((multichip adj module) mcm) and<br>((digital logic input output analog) near<br>cell)) not ("6054337" "5894166" "5898223"<br>"6147401" "6414396")) and (wire wiring)<br>and pad | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:36 |
| 7794  | (digital logic analog) near1 cell  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:47 |
| 14778 | (multichip adj module) mcm (second near1<br>chip)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 16:02 |
| 106   | ((digital logic analog) near1 cell) and<br>(multichip adj module) mcm (second near1<br>chip)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 14:52 |

|   |   |   |                  |
|---|---|---|------------------|
|   | (((digital logic analog) near1 cell) and<br>((multichip adj module) mcm (second near1<br>chip))) not (((multichip adj module) mcm)<br>and ((digital logic input output analog)<br>near cell))   | USPAT;<br>EPO; JPO;<br>DERWENT              |                  |
| - | 73 (((digital logic analog) near1 cell) and<br>((multichip adj module) mcm (second near1<br>chip))) and (ram dram)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 15:28 |
| - | 36 (((digital logic analog) near1 cell) and<br>((multichip adj module) mcm (second near1<br>chip))) and (ram dram) not (((digital<br>logic analog) near1 cell) and ((multichip<br>adj module) mcm (second near1 chip))) not<br>(((multichip adj module) mcm) and<br>((digital logic input output analog) near<br>cell)))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 15:28 |
| - | 48 (US-6137164-\$ or US-5793115-\$ or<br>US-4862322-\$ or US-6344683-\$ or<br>US-6156980-\$ or US-5533256-\$ or<br>US-5638391-\$ or US-5323292-\$ or<br>US-6052284-\$ or US-5608610-\$ or<br>US-5578869-\$ or US-5214308-\$ or<br>US-6340842-\$ or US-6201302-\$ or<br>US-6225688-\$ or US-6201266-\$ or<br>US-5199165-\$ or US-4774632-\$ or<br>US-6292366-\$ or US-6069025-\$ or<br>US-5539250-\$ or US-5438224-\$ or<br>US-6313527-\$ or US-6080931-\$ or<br>US-6072243-\$ or US-6232668-\$).did. or<br>(US-5821625-\$ or US-6285076-\$ or<br>US-6020867-\$ or US-5668040-\$ or<br>US-6376917-\$ or US-6316822-\$ or<br>US-5719436-\$ or US-5477082-\$ or<br>US-6433398-\$ or US-6373447-\$ or<br>US-6356958-\$ or US-6308143-\$ or<br>US-6255736-\$ or US-6057598-\$ or<br>US-5386623-\$ or US-5243208-\$ or<br>US-6202183-\$ or US-6460172-\$).did. or<br>(US-20020033526-\$ or US-20020130342-\$ or<br>US-20020078278-\$ or US-20020006054-\$).did. | USPAT;<br>US-PGPUB                          | 2002/10/10 15:33 |
| - | 13 ("4484292"   "5222293"   "5249134"  <br>"5251147"   "5267176"   "5381343"  <br>"5471398"   "5481473"   "5613102"  <br>"5638293"   "5666288"   "5712794"  <br>"5901066").PN.  | USPAT                                       | 2002/10/10 15:39 |
| - | 7 5793115.URPN.   | USPAT                                       | 2002/10/10 15:44 |
| - | 1 6208545.URPN.   | USPAT                                       | 2002/10/10 15:45 |
| - | 32 ("4070230"   "4131985"   "4416064"  <br>"4539068"   "4585991"   "4612083"  <br>"4617160"   "4618397"   "4618763"  <br>"4702936"   "4706166"   "4721938"  <br>"4761681"   "4784721"   "5070026"  <br>"5071510"   "5130894"   "5236118"  <br>"5262351"   "5273940"   "5284796"  <br>"5385632"   "5424920"   "5426072"  <br>"5432729"   "5457879"   "5502667"  <br>"5534466"   "5581498"   "5637536"  <br>"5760478"   "5793115").PN.  | USPAT                                       | 2002/10/10 15:46 |
| - | 14778 ((multichip adj module) mcm) (second near1<br>chip)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 16:09 |
| - | 59 (circuit adj area) near3 ((bond bonding)<br>adj pad)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 16:10 |

|   |    |  |   |                  |
|---|----|--|---|------------------|
|   |    | near1 chip and (mother adj area) near3<br>((bond bonding) adj pad))  | USPAT;<br>EPO; JPO;<br>DERWENT              |                  |
| - | 2  | ((circuit adj area) near3 ((bond bonding)<br>adj pad)) and (((multichip adj module)<br>mcm) (second near1 chip)) and (mother adj<br>chip))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 16:11 |
| - | 26 | ((multichip adj module) mcm) (second<br>near1 chip)) and (mother adj chip)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/10 16:12 |
| - | 0  | 20020017718.URPN.  | USPAT                                       | 2002/10/10 16:13 |
| - | 6  | ("4697095"   "5440423"   "5640107"  <br>"5801547"   "5977640"   "6049222").PN.   | USPAT                                       | 2002/10/10 16:14 |
| - | 24 | 4697095.URPN.  | USPAT                                       | 2002/10/10 16:16 |
| - | 5  | 5446309.URPN.  | USPAT                                       | 2002/10/10 16:20 |
| - | 3  | ("4697095"   "4890077"   "5008736").PN.  | USPAT                                       | 2002/10/10 16:21 |
| - | 9  | ("4055754"   "4071902"   "4103182"  <br>"4350906"   "4446390"   "4509008"  <br>"4550289"   "4558447"   "4612499").PN.  | USPAT                                       | 2002/10/10 16:21 |
| - | 23 | ("5072364"   "5142634"   "5230068"  <br>"5287467"   "5303356"   "5394529"  <br>"5428786"   "5454117"   "5469551"  <br>"5508556"   "5564118"   "5592634"  <br>"5623614"   "5630157"   "5732278"  <br>"5760478"   "5834835"   "5856937"  <br>"5903908"   "5939782"   "5977640"  <br>"5994166"   "6031284").PN. | USPAT                                       | 2002/10/10 16:22 |